Delivery mode
Online course. Internet access essential. Online lessons are delivered through the EQ web conference.

Time commitment
The minimum time allocation per semester per senior subject is 55 hours instruction. It is expected that students complete all work outlined in the work rate calendar.

Prerequisites
- Year 10 Physics Units and Advanced Maths are essential, with result of at least B.
- Maths A or B must be studied concurrently in Years 11 and 12.

Course outline
The topics in Physics are continually built upon in subsequent topics.

Year 11
- Physical Quantities and Measurement
- Fluid Statics
- Forces and Motion
- Energy and Momentum
- Thermal Physics

Year 12
- Optics and Waves
- Electricity and Magnetism
- Open Physics Project
- Atomic Physics
- Nuclear Physics

Assessment
- Supervised assessment (exams)
- Extended Response Tasks (ERT)
- Extended Experimental Investigations (EEI)

Requirements
- Pen Tablets - recommended INTOUS WACOM
- Reliable internet access is essential
- Approved exam supervisor is mandatory for the completion of supervised assessment – please refer to the supervisor nomination form on the Brisbane SDE website
- MS Office
- Access to hi-speed video (e.g. iPhone 6)
- Casio fx-82AU Plus II
- Computer headset with microphone

Textbook
New Century Senior Physics, 2nd edition, Walding Rapkins and Rossiter, Oxford University Press.

NOTE: Textbooks must be purchased by students. Textbooks are NOT supplied by the school.

Other important Information:
- Home based students will be sent a Physics Kit upon enrolment.
- A hire charge applies to Year 12 Physics kits to cover practical activity materials. There is a partial refund on return of the hired kits in a satisfactory, working condition.
- Year 11 Physics Kits are non-refundable once despatched.
- Students will be required to obtain other commonly available materials to complete the practical activities.
- The kits are not available to school based or overseas students.

DISCLAIMER: All information contained is accurate at the time of publication.